

WorkForce® Pro WF-5690

WIRELESS | PRINT | COPY | SCAN | FAX | ETHERNET | PCL/PS



Multifunction
WorkForce Pro

A powerful multifunction printer that drives productivity for workgroups.

Get Performance Beyond Laser™ — the WorkForce Pro WF-5690, powered by PrecisionCore™

Cost savings — up to 50 percent lower printing cost vs. color laser¹

Heavy-duty, reliable performance — 45,000-page monthly duty cycle; up to 2500 pages recommended monthly for high-volume printing²

Fast output — prints at speeds of 20 ISO ppm (black) and 20 ISO ppm (color)[†]

Outstanding support — best-in-class three-year limited warranty with advance exchange

Professional-quality results — laser-sharp text and brilliant colors on a wide variety of media

Do more — 35-page duplex Auto Document Feeder; auto 2-sided print, copy, scan and fax; Document Capture Pro software included

Low intervention — print or copy up to 4000 black and color pages without changing the cartridge³; up to 580 sheets total paper capacity with optional second paper tray

Easy networking and administration — network setup and security features for wired and wireless⁴ connections; supports PCL⁵ and PostScript® 3

Intuitive navigation and control — 4.3" color touchscreen



Print

Printing Technology PrecisionCore 4S printhead 4-color inkjet

Printer Language Epson ESC/P®-R, PCL 5 emulation⁵, PCL 6 emulation⁵, PostScript 3

Maximum Print Resolution 4800 x 1200 optimized dpi

ISO Print Speed[†] Black 20 ISO ppm / Color 20 ISO ppm

Two-Sided ISO Print Speed[†] Black 11 ISO ppm / Color 11 ISO ppm

Minimum Ink Droplet Size 3 droplet sizes, as small as 2.8 picoliters

Duty Cycle[‡] Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

Copy

ISO Copy Speed^{††} Black 19 ISO cpm / Color 19 ISO cpm

Copy Quality Color/Black-and-White: Standard/Best

Copy Quantity 1 – 999 (PC-free)

Maximum Copy Size 8.5" x 14"

Copy Features Auto 2-sided, Preview, Resize, ID Copy, Collate, Adjustable Copy Density, Remove Punched Holes, Remove Shadows

Scan

Scanner Type Color flatbed/Auto 2-sided ADF

Photoelectric Device ColorCIS line sensor

Optical Resolution 2400 dpi

Hardware Resolution 1200 x 2400 dpi

Maximum Resolution 9600 x 9600 dpi interpolated

Scanner Bit Depth 48-bit color / 24-bit output

Scan Features Scan to PC via Document Capture Pro, Scan to Cloud[§] (including email), Memory Device, Password Protected PDFs

Fax

Fax Specifications

Black-and-white and Color

Modem: 33.6 Kbps – as fast as 3 sec per page

Memory: Up to 550 pages

Speed dials: 200 (max.)

PC-Fax

Connectivity

Standard Connectivity

Hi-Speed USB (compatible with USB 2.0 specification)

Wireless LAN IEEE (802.11 b/g/n)⁴

Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)

Wi-Fi Direct^{¶4}

Connectivity (continued)

Network Printing Protocols

IPP, LDP, Port 9100, WSD

Network Management Protocols

SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNTp, Ping, SLP, WSD, LLTD

WLAN Security

WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)

Operating Systems Windows® 8.x (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista® (32-bit, 64-bit), Windows XP® SP3 (32-bit), Windows XP Professional x64 Edition, Windows Server® 2012 R2⁷, Windows Server 2012⁷, Windows Server 2008 R2⁷, Windows Server 2008⁷, Windows Server 2003 R2⁷, Windows Server 2003⁷, Mac OS® X 10.5.8 – 10.9.x⁸, Mac OS X Server⁸

Mobile Printing

Epson Connect™⁹ Epson® Email Print, Epson iPrint™

Mobile App, Epson Remote Print

Other Kindle Fire™, Apple® AirPrint™, Google Cloud Print™

Paper Handling

PC-free Paper Support Plain (Letter, A4), Photo (Letter, A4, 8" x 10", 5" x 7", 4" x 6")

Maximum Paper Size 8.5" x 47.2"

Paper Sizes 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4, A6, half letter, executive, user definable (3.5" – 47.2" in length)

Paper Types Plain paper, Epson Bright White Paper, Epson Presentation Paper Matte, Epson Premium Presentation Paper Matte, Epson Premium Presentation Paper Matte Double-sided, Epson Premium Photo Paper Glossy, Epson Ultra Premium Photo Paper Glossy, Epson Premium Photo Paper Semi-gloss

Envelope Types No. 10; plain paper, bond paper, air mail

Input Paper Capacity

250 sheets plain paper (250 sheets plain paper x 1 tray)

Rear feed: 80 sheets

(580 sheets total with optional 250-sheet paper tray)

10 envelopes

Auto Document Feeder: 35 sheets

General

Display 4.3" color touchscreen

Temperature

Operating: 50 ° to 95 °F (10 ° to 35 °C)

Storage: -4 ° to 104 °F (-20 ° to 40 °C)

Relative Humidity

Operating: 20 – 80% RH

Storage: 5 – 85% RH (no condensation)

Sound Level

Power 5.3 B(A)

Pressure 52 B(A)

Rated Voltage AC 100-240V Universal (Automatic)

General (continued)

Rated Frequency 50 – 60 Hz

Rated Current 0.8A – 0.4A

Power Consumption

Approx. 22 W ISO 24712 (Standalone copy printing)

Approx. 8.9 W (Standby)

Approx. 2.6 W (Sleep)

Approx. 0.3 W (Power off) ENERGY STAR® qualified

Safety Approvals

Safety standards UL60950, CSA C22.2 No. 60950

EMI FCC Part 15 subpart B class B,

CAN/CSA-CEI/IEC CISPR 22 class B

Telecom Regulations FCC Part 68 (U.S.A.), IC/CS03 (Canada)

Country of Origin Indonesia

Weight and Dimensions (W x D x H)

Printing: 18.1" x 25.8" x 15.1"

Storage: 18.1" x 16.6" x 13.5"

Weight: 31.5 lb

What's in the Box Epson WorkForce Pro WF-5690

multifunction printer, manual, CD-ROM for product setup, power cord, DURABrite® Ultra Ink cartridges¹⁰ – Four 786 series ink cartridges: Black, Cyan, Magenta, Yellow

Software Included¹¹ Epson printer driver, PCL 5 driver emulation⁵, PCL 6 driver emulation⁵, PostScript 3, Document Capture Pro

Warranty Three-year limited warranty in the U.S. and Canada

Ink

Ink Type DURABrite Ultra pigment ink (smudge, fade and water resistant)

Ink Palette Cyan, Magenta, Yellow and Black

Ink Cartridge Configuration Four individual ink cartridges

Fade Resistance / Print Longevity¹² Up to 118 years

Replacement Ink Cartridges¹⁰

786 Standard capacity Black, Cyan, Magenta, Yellow

786XL High-capacity Black, Cyan, Magenta, Yellow

788XXL Extra High-capacity Black, Cyan, Magenta, Yellow

Eco Features

Uses up to 70% less power than laser printers¹³

Save up to 50% of your paper supply with auto 2-sided printing

ENERGY STAR qualified

RoHS compliant

Recyclable product¹⁴

Epson America, Inc. is a SmartWaySM Transport Partner¹⁵

Ordering Information

Product Name

WorkForce Pro WF-5690

Optional 250-sheet paper cassette

Product Code

C11CD14201

C12C817011

[†] Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. For more information, visit www.epson.com/printspeed | ^{††} Black and color copy speeds (cpm) are determined in default, single-side mode, in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. See www.epson.com/copyspeed for details. | ¹ Compared with best-selling color laser printers priced at \$699 (USD) or less, based on NPd data, March 2013 – February 2014. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions. | ² Monthly duty cycle up to 45,000 is the highest duty a user could expect in a month, based on near-constant operation of a device of this kind. It is not recommended that the device be run at this duty. For best device performance, run the device at the recommended duty of 2500 pages per month. | ³ 788XXL Black cartridge prints about 4000 ISO pages. 788XXL color cartridges print about 4000 ISO pages on average. Actual number of pages will vary. | ⁴ Wi-Fi CERTIFIED™: level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | ⁵ Not all media types are supported for PCL printing. | ⁶ Scan to cloud requires an internet connection, a free Epson Connect account and a destination email address or cloud storage account. For a list of supported cloud services, visit www.epson.com/connect | ⁷ Only printing and scanning are supported under Windows Server OS. | ⁸ Some applications and/or functions may not be supported under Mac OS X. | ⁹ Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. For a list of Epson Connect enabled printers and compatible devices and apps, visit www.epson.com/connect | ¹⁰ Replacement cartridge yields are based on ISO/IEC 24711 tests in default mode printing continuously. Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. All ink colors are used for printing and all-in-one maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace cartridge" signal. For details, see www.epson.com/cartridgeinfo | ¹¹ Internet access is required to install OS X drivers and software. | ¹² Display permanence based on accelerated testing of prints displayed under glass in indoor display conditions; album permanence based on accelerated testing of prints in dark storage conditions. Actual print stability will vary according to media, printed image, display conditions, light intensity, temperature, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or UV filter or properly store them. | ¹³ Compared to best-selling color single and multifunction laser printers priced at \$699 (USD) or less as of December 2013. Actual power savings will vary by product model and usage. | ¹⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ¹⁵ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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